




Are You Ready For the International Year of Astronomy?

Let's get the world looking up!




January
Telescopes and
Space Probes: Today's
Starry Messengers



Featured Activity:
Ready to Observe?
Understanding What You Will
See at the Telescope

Featured Observing Object:
Venus

February
Our Solar System



Featured Activity:
Spotting Craters

Featured Observing Object:
Earth's Moon

March
Observing at Night
...and in the Day



Featured Activity:
**Light Pollution and
Shielding**

Featured Observing Object:
Saturn

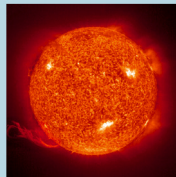
April
Galaxies and the
Distant Universe



Featured Activity:
A Universe of Galaxies

Featured Observing Object:
Whirlpool Galaxy


May
Our Sun



Featured Activity:
**Modeling the Sun
and Earth**

Featured Observing Object:
Sun

June
Clusters of Stars



Featured Activity:
**Trip Around the
Triangle**

Featured Observing Object:
The Hercules Cluster

Download articles, activities, sky maps, videos and more with *free* monthly IYA Discovery Guides:

www.astrosociety.org/iya/guides.html

Month and IYA Event Dates	NASA Topic: Explore the Universe http://astronomy2009.nasa.gov/topics.htm	Observe This!	Activities and Demonstrations
January 10 — IYA Opening Events	Telescopes and Space Probes: Today's Starry Messengers	Venus	Ready To Observe? Understanding what you will see at the telescope
February	Our Solar System (storyline includes extrasolar planets)	Moon	Spotting Craters: When is the best time to view the Moon?
March 16–28 — GLOBE at Night 20 — Sun-Earth Day 28 — Earth Hour	Observing at Night...and in the Day	Saturn	Light Pollution and Shielding: Good lighting for the Earth
April 2–5 — 100 Hours of Astronomy 4 — International Sidewalk Astronomy	Galaxies and the Distant Universe	Whirlpool Galaxy	A Universe of Galaxies: Where we fit into the Universe
May 2 — Astronomy Day	Our Sun	The Sun	Modeling the Sun and Earth
June	Clusters of Stars	Hercules Cluster	Trip Around the Triangle: What will you see tonight?

July
Black Holes



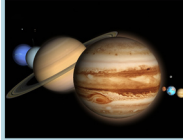
Featured Activity:
Black Hole Star Map
Featured Observing Object:
The Milky Way Galaxy

August
Rocks and Ice in the Solar System



Featured Activity:
Cook Up a Comet
Featured Observing Object:
Perseid Meteor Shower

September
Planets and Moons




Featured Activity:
Pocket Solar System
Featured Observing Object:
Jupiter

October
What is the Fate of the Universe?




Featured Activity:
Telescopes as Time Machines
Featured Observing Object:
The Andromeda Galaxy

November
The Lives of Stars



Featured Activity:
Lives of Stars
Featured Observing Object:
Crab Nebula

December
Discovering New Worlds



Featured Activity:
What is the "Habitable Zone"?
Featured Observing Object:
Orion Nebula

Find out all about IYA events in the US here:
<http://astronomy2009.us>

Month and IYA Event Dates	NASA Topic: Explore the Universe http://astronomy2009.nasa.gov/topics.htm	Observe This!	Activities and Demonstrations
July	Black Holes	The Milky Way	Black Hole Star Maps: What and where are they?
August 1 — IYA Summer Moon Party	Rocks and Ice in the Solar System	Perseids	Cook Up a Comet: Find out what comets are made of
September	Planets and Moons	Jupiter	Pocket Solar System: Model the distances to Solar System orbits
October 4–10 — World Space Week 9–23 — World Wide Star Count	What is the Fate of the Universe?	Andromeda	Telescopes as Time Machines: Look back in time!
November	The Lives of Stars	Crab Nebula	Lives of Stars: From a stellar nurseries to explosive deaths
December 31 — "Once in a Blue Moon" local IYA Closing Events	Discovering New Worlds	Orion Nebula	What is the "Habitable Zone"? Where we are looking for life around other stars



The Astronomical Society of the Pacific (ASP) designed the IYA Discovery Guides for use by astronomers and the public worldwide. The ASP is grateful for the support from NASA Science Mission Directorate, Space Telescope Science Institute, JPL, the Origins Forum, and the National Science Foundation to make these Discovery Guides and other IYA activities possible. You can learn more about all of the ASP's IYA activities and programs online at:
www.astrosociety.org/iya/

